



Computing MoUs

The Computing-RRB in October 2003 requested establishment of a Taskforce to agree on document structure and content, and to draft document(s) for approval

The taskforce has met face-to-face four times, most recently on 31 August, with extensive email dialog between the meetings. It will meet again on 28 September during the Computing in High Energy Physics (CHEP) conference (27 Sept - 1 Oct), with the aim of finalising the bodies of the texts at that meeting. The texts will then be presented to the October RRB for comment, and the numerical data in the Annexes will be completed over the Winter so that the final documents can be presented to the April 2005 RRB for approval and subsequent distribution for signature





Taskforce Membership (Chair: D. Jacobs)

Expanded since June:

Designed to cover major players

- LCG Project
 - C. Eck, L. Robertson
- Countries and regions
 - M. Delfino (ES), P. Eerola (Nordic - DK, FI, NO, SE), I. Gaines (US), N. Geddes (UK), M. Kunze (D), T. Mashimo (J & centres in the Asia region), F. Ruggieri (IT), G. Wormser (F)
- Experiments
 - T. Akesson/R. Jones (ATLAS), N. Brook (LHCb), Y. Schutz (ALICE), I. Willers (CMS)

- Joined since June - a joint Nordic Tier 1 centre is planned

- Joined since June





Plan for documents

- One MoU for the centrally managed part of LCG - "LCG MoU" (Tier 0, Tier 1 centres, Tier 2 centres or federations thereof that offer services of a sufficient scale and quality to be amenable to central management)
- Four experiment-dependent agreements (addenda to the M&O MoUs) that address the ongoing provision of the experiments' core computing
 - Provision of offline computing infrastructure and of many products of use to more than one experiment is addressed in the LCG MoU
 - The development of detector-specific software e.g. for simulation, reconstruction and analysis and software for physics analysis is considered to be an integral part of the research activities of the scientists in the experiments and is therefore not subject to any MoU





Progress since June (i)

Expanded Taskforce membership

Consultation

- Taskforce members have been consulting more widely in their communities (has had a very positive effect on the quality of comment and the rate of convergence of the text)
- LHCC asked to review experiments' requirements

LCG MoU

- At last meeting only a few substantive points left to settle, e.g.:
 - Interface between the "managed" part of LCG and the many smaller centres that will require access to it, although they are not themselves subject to central management.
 - Description of relationships amongst Tier centres in sufficient (but not too much) detail
 - The resource sharing mechanism
 - IPR
- For each, the way forward was agreed and a new draft will be issued mid-September. This will also address the remaining editorial points





Progress since June (ii)

Addenda for Core Computing to the Experiments' M&O MoU's

- Very rapid progress over summer
- Excellent interaction with the Experiments' Taskforce members and Computing Coordinators
- At the time of the last Taskforce meeting the only substantive point left to settle was IPR
- A new and hopefully nearly final draft will be issued mid-September
- Core computing is described under two headings:
 - Voluntarily supplied by named institutes (corresponds to M&O Category B)
 - Shared by the whole Collaboration (correspond to M&O Category A)



Next steps

- Work to “finalise” the body texts in time for the C-RRB meeting in October. Invite comment on these texts
- Before end-2004: Experiments to produce their latest best estimates of computing requirements as a function of time
- January or early February 2005: LHCC review team chaired by P. McBride (FNAL) will rapidly review the validity of these requirements
- Work with a view to proposing to the April 2005 RRB meetings documents that they can approve to be sent out for signature